



# LARC



Volume 54, Number 2

February 2014

## President's Message

This month I have been looking into radio controlled (rc) model airplane flying. This interest was stimulated by talking to Andre Dugas KF5PAM and friend Bret Walker KF5PAL, who were testing for Extra Class at our January club meeting. I believe some of the rc airplane hobbyists acquire ham licenses in order to use a portion of the 433 MHz band to communicate with their airplanes and also to use radios with more power than might be legal for non-ham hobbyists. I dabbled in this hobby as a young person using a plane attached to a cord that flew in a circle and used a small glow-plug internal combustion propeller motor. Nowadays it seems that most hobbyists use electric brushless propeller motors and lithium polymer batteries that can keep them flying from about 5 to 30 minutes. The American military started using a "model sized" drone with this technology, the RQ-11 Raven, in about 2001, at a cost of about \$175,000 each. In these applications the model airplane can have a camera mounted. The "key chain" camera is probably the cheapest at \$8 plus the cost of a micro SD card. The "GoPro" camera at a cost of about \$300 can make HD recordings and also be set up to stream video. Some Louisiana enthusiasts have mounted a thermal vision camera (about \$4,500) to stream down live video for night hunting of wild hogs using a hobbyist foam airplane with rc control. The typical hobbyist plane is made out of a crash resistant foam such as EPO strengthened with some carbon fiber rods in the wings. When you stream down live video, using a plane mounted transmitter, it is possible to pilot the airplane from the ground using FPV (first person view). There can be a delay in the transmission so that the FPV pilot might need assistance responding to wind or obstacles. You can now add flight stabilization, GPS sensing, and telemetry for altitude, battery strength, temperature, and such, so that an autopilot can be mounted in the airplane that can execute functions such as staying in the bounds of a GPS defined "fence" or return-to-home automatic flying upon loss of control signal.

The FAA is currently developing new guidelines for regulation of civilian drones. The hobbyist model airplanes with FPV and autopilots are in a sort of gray area for the time being. An earlier regulation issued in the 1980s confined hobbyists to an altitude of 400 feet but did not anticipate GPS and autopilots mounted in their planes. They have since required that hobbyists can not take camera shots or video for profit and must observe reasonable privacy standards. The Academy of Model Aeronautics AMA, roughly like the ARRL of ham radio, provides an important insurance benefit to members. The AMA advocates using FPV and GPS equipped models only within line-of-sight range and in the company of a competent model pilot that can take over control should the FPV equipped ground controller become disoriented.

One of the most interesting YouTube videos shows an FPV recording of a model airplane lifted by a balloon to 33,000 meters and follows its descent to earth.

Archie Hill W5AG  
AARA President

### AARA OFFICERS ELECTION

The AARA will be holding club elections this Thursday night February 6, 2014 - Be there if possible.

## FYI

Just a reminder, our February 6 General Meeting will hold elections for the upcoming year. You must be a paid up member to vote or hold office. The Nomination Committee picks can be found on the January Minutes on page 3 column 2 of this issue of the LARC. Nominations may be taken from the floor (I suggest that you talk to persons you may have in mind before nominating them for election), elections held and new officers listed in the March issue of the LARC and then new officers will be installed at the March Meeting (the Saturday following the AARA Hamfest).

Joy Breau N5YCS, after many, many years is retiring as Club Secretary and we are in a dire need to find someone to take her place. Her shoes will be hard to fill. Thanks, Joy for the GREAT JOB you have done for our club.

The AARA Hamfest proceedings are going well by all those involved helping making our hamfest possible. We do need some volunteers to help doing unloading and loading of merchandise for those having tables. The ladies putting on the "Hi Q Sweets" refreshments are looking for donations of cookies, cakes, brownies, fudge etc., so if you would like to help out, contact Paula Romero KF5CNS. We also need a volunteer to handle the RV registrations this year, I will have some tickets printed up. Updates for the hamfest will be discussed at the meeting.

More cold weather is on this way toward this weekend. Stay warm and dry!

Herman Campbell KN5GRK  
LARC Editor

**DATES TO REMEMBER****GENERAL MEETING**

Thursday, February 6<sup>th</sup> @ 7:00 PM  
Red Cross Building - 101 N. Pat St.  
Scott, LA

VE Testing @ 6:00 PM  
Orange Hamfest - Feb. 22, 2014  
(see page 3)

**Local 2-Meter Nets****Sunday**

Opelousas Area ARA Net 7:00 PM  
147.150 PL 103.5 Carencro, LA

**Monday**

AARA Monday Night Net 7:00 PM  
146.820 - PL 103.5 Lafayette, LA

**Tuesday**

Acadiana ARES Net 7:00 PM  
145.370 - PL 103.5 Lafayette, LA

**Wednesday**

Bodie's Memorial DX Net  
145.410 New Iberia, LA

**Thursday**

Kid's Net 7:00 PM  
146.820 - PL 103.5 Lafayette, LA

**AARA OFFICERS 2013-2014**

**President** - Archie Hill - W5AG  
archibal@bellsouth.net

**Vice Pres.** - Jess Gillion - KF5LUL

**Secretary** - Sandy Leblanc - KE5KJF

**Treasurer** - Joy Breaux - N5YCS

**BOARD MEMBERS**

Larry LeBlanc - KE5KJD

Glen Thibodeaux - KF5FNP

Nick Romero - KE5MWX

Abigail Wilson - KF5BEW

**QSL MANAGER**

Roland Guidry - NA5Q

**NEWSLETTER EDITOR & PUBLIC INFORMATION OFFICER**

Herman Campbell - KN5GRK  
337-234-5364 kn5grk@lusfiber.net

The **LARC** is published monthly by the:

**Acadiana Amateur Radio Association**

P. O. Box 51174

Lafayette, Louisiana 70505-1174

Regular meetings 1<sup>st</sup> Thursday of each month at 7:00 p.m. at the American Red Cross Building, 101 North Pat Street, Scott, LA

**JANUARY 02, 2014 AARA CLUB MEETING MINUTES  
JANUARY 02, 2014****CLUB MEETING:**

- The AARA President Archie Hill opened the meeting.
- Herman KN5GRK led the prayer in thanksgiving for the New Year and prayed for all those who are ill.
- There were 18 members and 1 visitor in attendance. Greg Dolan K5LFT, in charge of VE Testing, reported that Benjamin Bost of New Iberia passed his Technician and General exams, Andrew Dugas KF5PAM, of Washington passed his Amateur Extra, and Brett Walker KF5PAL, of Opelousas passed his Amateur Extra. Members of the Club helping with the exams were Greg Dolan K5LFT, Galen Wilson KF5BET, Ric Wallace KF5KEL, Tom Dischler W5OHJ, Archie Hill W5AG and Mark Saltzman W5GTI.
- Some interesting contacts were: Archie Hill W5AG contacted Cuba; Jackie Wallace KF5PCH and Ric Wallace KF5KEL are setting up a new Ham Shack; Rick Breaux N5RLM made interesting contacts using Tele-type; Nick Romero KE5MWX contacted the North Pole.

**Minutes:** The December minutes were not read as they were posted in the January LARC. On motion by Fred Marshall W5MLE, seconded by Galen Wilson KF5BET the minutes were accepted as published.

**Financial Report:** Joy Breaux N5YCS gave the Treasurer's Report. On motion by Sandy LeBlanc KE5KJF, seconded by Galen Wilson KF5BET, the Treasurer's Report was approved as presented. The Financial Report is not published in the LARC; any member wanting a copy can contact Joy N5YCS.

**Old Business:** Herman Campbell KN5GRK will send out an email asking members to pay their dues for 2014. You can't vote for the new officers at the February meeting, if you haven't paid your dues. Mark Saltzman W5GTI will mention it on the Monday night net.

Archie Hill W5AG asked how the alternating of the repeaters is working for the Monday night net. Mark Saltzman W5GTI, net controller, mentioned that the rotation is going well. There is a pl-tone on transmit and none on squelch.

**New Business:** Sandy LeBlanc KE5KJF spoke about the Club T-shirts. The color decided on is sport grey. Some of the shirts will be "golf shirts" with a collar and a pocket. Others will be plain T-shirts. All will have the club emblem on the front and the back of the shirt. The first set of shirts should be ready for the next meeting.

**Hamfest:** Johnny of Austin Amateur Radio died. They are selling the business. The new owners hope to come to the Hamfest on March 7-8, 2014.

Glen Thibodeaux KF5FNP, Hamfest Coordinator, also contacted Main Trading Co. from Paris, TX.

Flex Radio said that they will come every other year.

The Club assembled flyers to be mailed to new Hams in Louisiana advertising the Hamfest. Larry LeBlanc KE5KJD put together the list of new members and printed the mailing labels.

Paula Romero KF5CNS will handle the "Hi Q Sweets" Shop and drinks for the Hamfest. She is asking for donations of sweets or home canned goods. Paula needs ice chests for drinks.

Calvin Begnaud KD5JCT has arranged for Security and the catering of the food. There will be crawfish on Friday night for \$24 for 4 pounds with corn, sauce and a potato. There will also be chicken and sausage gumbo, biscuits, sausage biscuits, sausage po-boys, among other items.

The 20,000 raffle tickets ordered by Calvin Begnaud KD5CNS have been received. That should give us a 2 to 3 year supply.

Karen Marshall KE5RPI confirmed that the YLRL (Young Ladies Radio League) District Leader, Betty Jo Byrd KB5CSQS will be able to come and do a Forum for the Hamfest.

The radio test table will be near Nick Romero's KE5MWX table. Archie Hill W5AG volunteered to help at the test table.

Weston Hebert KB5WI will handle the Bingo and the Bingo raffle. The cost of the cards will be \$.25 a card for Bingo, and the Bingo raffle tickets will be 6 chances for \$1.00. Weston asked Club members to bring donations to the next meeting. He will be there with his truck to transport them. Weston asked for 2 volunteers to help pick up the money for Bingo.

(continued on page 3, column 2)

**AARA Membership Drive:**

To renew your membership or become a member of the Acadiana Amateur Radio Association, Inc. (AARA) download a membership form at:  
[http://www.w5ddl.org/aara\\_membership\\_appl.pdf](http://www.w5ddl.org/aara_membership_appl.pdf)

## Orange Hamfest 2014



Hosted by:  
Orange Amateur Radio Club  
& Jefferson County  
Amateur Radio Club

*The Orange Hamfest is  
an ARRL affiliated event.*

**WHEN:** Saturday, February 22nd,  
2014

**WHERE:** NEW Location!!

Orange County Convention & Expo  
Center @ 11475 FM 1442 Orange,  
Texas 77632

(Coordinates: 30 07.28N & 093  
52.92W or 30.1244,-93.8922)

**TIME:** 7:00 AM. to 2:00 PM

There is Paved Parking, Lots of ta-  
bles available.

### Talk-in:

147.180 + 600 - PL turned off

### FEES:

Admission .....\$6.00 per person  
(Age 12 years & younger free ad-  
mission)

Dealer tables ..... \$15.00 ea

Flea market tables ..... \$15.00 ea

Tailgate spaces .....\$5.00 ea

### Event Schedule

5:00AM - Setup, Dealers & Tailgat-  
ing

7:00AM - Hamfest opens for flea  
market, dealers & tailgating

10:00 AM - VE testing in AgriLife  
Room

8 AM -12 Noon - Programs & Fo-  
rums

1:30 PM - Grand Prize Drawings

2:00 PM - Close

### Grand Prizes:

1<sup>st</sup> - Kenwood TS-480SAT HF ra-  
dio

2<sup>nd</sup> - Kenwood TM-281A 2M mo-  
bile

3<sup>rd</sup> - Kenwood TH-K20A 2M HT

The tickets for the Grand Prize and  
door prizes are: \$1.00 each or 6 for \$5.00,  
12 for \$10.00, etc. The Grand Prizes will  
be drawn at 2:30 p.m. You NEED NOT  
BE PRESENT for the Grand Prize draw-  
ings. You MUST BE PRESENT for all  
door prize drawings. Door Prize tickets  
will be put back in for The Grand Prize  
Drawings.

Check out website for more infor-  
mation and updates at:

<http://www.qsl.net/w5nd/>

## JANUARY 02, 2014 AARA CLUB MEETING MINUTES

(continued from page 2)

After Bingo Weston will need help  
setting up for the XYL Forum.

Ric Wallace KF5KEL will help set up  
the Silent Auction.

Ed Roy will handle the RV campers.

Larry LeBlanc KE5KJD and Randy  
will be there to help MJF unload on Friday.

**Nominating Committee:** Larry LeBlanc  
KE5KJD, Chairman of the Nominating  
Committee, gave the following report:

President – Larry Leblanc KE5KJD

Vice President – Jess Gillian KF5LUL

Secretary – Sandy LeBlanc KE5KJF

Treasurer – still looking

Elections will be on Thursday, Febru-  
ary 06, 2014, at the next meeting at the  
Red Cross building on Pat Street.

**Remember to pay your dues so you  
can run for office and/or vote.**

Respectively submitted,

Sandy LeBlanc KE5KJF

AARA Secretary 2013

## January VE Test Results

Hey !!!!! A pretty good night to  
start the New Year.

One person Benjamin Bost  
KF5ZSR of New Iberia came in  
without a ticket and walked out  
with a General.

Andrew Dugas KF5PAM of  
Washington came in as a Tech left  
Amateur Extra.

Brett Walker KF5PAL of Ope-  
lousas came in as a General and left  
Amateur Extra also.

The hired help included Me ~  
K5LFT, Galen ~ KF5BET, Ric ~  
KF5KEL, Tom ~ W5OHJ, Archie ~  
W5AG & Mark ~ W5GTI.

TNX GUYS !!!!!!!!!!! GREG

## ARRL Guest Speaker - AARA 2014 Hamfest

Our AARA 2014 Hamfest ARRL Forum  
will feature guest speaker Mike Corey,  
KI1U, Emergency Preparedness Manager  
for the ARRL. Corey joined the ARRL HQ  
staff in April 2010. Prior to joining League  
staff he worked in law enforcement in Indi-  
ana and Mississippi. He has also served as  
an emergency management volunteer, dis-  
aster response volunteer, reserve police of-  
ficer, and on emergency operations center  
staff.

Mike is also a public safety training in-  
structor in Mississippi and former ARRL  
Emergency Coordinator for Lafayette  
County, MS.

Mike, along with Vic Morris, AH6WX, is  
the author of the ARRL publication "Storm  
Spotting and Amateur Radio".

Mike has been licensed since 1988 and holds an Amateur Extra  
class license. Besides emergency communications and public ser-  
vice Mike's interests in Amateur Radio are diverse. He is an active  
DXer and contester. He primarily operates CW and digital modes as  
well as satellites.

He is a life member of the ARRL, alumni member of Indiana Uni-  
versity Amateur Radio Club, member of the University of Mississippi  
Amateur Radio Club, Yankee Clipper Contest Club, and the Kokomo  
Amateur Radio Club. Mike is also a member of the Association of  
Public Safety Communication Officials, International Association of  
Emergency Managers, Radio Club of America, and American Mete-  
orological Society



**Mike Corey - KI1U**



## AARA Monday Night Net Report for 2013

By Mark Saltzman W5GTI (Net Manager & Net Control)

The AARA Monday Night Net is held at 7:00 PM each Monday, on one of the three Lafayette repeaters (146.820, 147.040, and the 145.370) on a rotation schedule.

We would like to thank all that participated in checking in to the net and in recognition to these persons, publish a net report in the LARC.

### Top Check-ins in 52 sessions:

Name:	Call:	Check-ins:	2013 Totals
1 Mark	W5GTI	51	<b>Total Callsigns:</b> 66
2 Herman	KN5GRK	51	<b>Total Check-ins:</b> 836
3 Lance	KF5NZB	50	<b>Total Time (Minutes):</b> 1739
4 Greg	K5LFT	48	<b>Total Traffic:</b> 6
5 AJ	KF5THS	45	<b>2012 Totals</b>
6 Tom	W5OHJ	41	<b>Total Callsigns:</b> 60
7 Jess	KF5LUL	41	<b>Total Checkins:</b> 723
8 Al	W5TJZ	41	<b>Total Minutes:</b> 1917
9 Galen	KF5BET	39	<b>Total Traffic:</b> 2
10 Danny	KD5JSM	39	

## Post Office Rate Increase

Effective on Jan. 26, 2014 the US Postal Service proposed price change went into effect.

Highlights of the new single-piece First-Class Mail pricing, effective Jan. 26, 2014 include:

\*Letters (1 oz.) - 3-cent increase to 49 cents.

\*Letters additional ounces - 1-cent increase to 21 cents.

\*Letters to all international destinations (1 oz.) - \$1.15.

\*Postcards - 1-cent increase to 34 cents.

This means a increase in sending and receiving QSL cards.

[@USPS](http://www.facebook.com/uspsspacertwitter)

## ARRL Centennial: A Century of Amateur Radio and the ARRL



After Guglielmo Marconi proved the feasibility of radio communication in 1901, three distinct groups of radio experimenters and stations appeared: The US Navy, commercial operators, and Amateur Radio operators, derisively called "hams" (meaning bad operators) by commercial and Navy operators. Early hams took up the name with pride!

Soon there was chaos in the ether, as hams interfered with commercial and Navy stations. To curb that problem, Congress passed the Radio Act of 1912, requiring all amateurs to get licenses and to operate at wavelengths of 200 meters or shorter, spectrum considered worthless at the time.

When hams first began to pass message traffic, the typical ham station's range was measured in tens of miles, or a few hundred

miles for the best-equipped stations. So hams would relay messages from station to station until they reached their destination.

One night in April 1914, Hiram Percy Maxim, 1WH, in Hartford, Connecticut, was unable to contact a station in Springfield, Massachusetts, to send a message. Maxim reached another ham at the midway point of Windsor Locks, Connecticut, and that station successfully relayed the message to Springfield.

This event made Maxim realize that there should be an organization to promote smooth and reliable message relays. In April 1914 he presented his thoughts to the Radio Club of Hartford, which agreed to sponsor the activity, using the name Maxim chose -- the American Radio Relay League. In February 1915, the ARRL separated from the HRC, and incorporated as a non-profit entity.

By March 1915, it became obvious that a publication was required to disseminate information to the 600 relay stations on the ARRL's roster. Maxim and Clarence D. Tuska (HRC Secretary) privately funded the first three issues of QST to meet that need. The first issue was published in December 1915. Next: A look through QST's first issue.

(Reprinted from: The ARRL Letter for January 16, 2014)



ARRL Co-Founder Hiram Percy

## JANUARY 2014 ACADIANA AREA 2 METER NET REPORTS

NET	SESSIONS:	TOTAL CHECK-INS:	TOTAL TRAFFIC:	TOTAL TIME: Minutes	Net Manager
OAARC Net - Opelousas Area Amateur Radio Club	4	34	Ø	62	N5LRZ Ray
AARA Monday Night Net	4	59	Ø	114	W5GTI Mark
Acadiana ARES Net	4	31	Ø	68	N5LRZ Ray
Bodie's Memorial DX Net	5	33	Ø	3	N5LRZ Ray
Kid's Thursday Night Net	4	32	1	60	KF5BEW Abbi KF5FYS Kendra

"Those who have knowledge, don't predict. Those who predict, don't have knowledge."  
- Lao Tzu

### AARA Monday Night 2 Meter Net Rotation

Mark W5GTI the net control station for the AARA Monday Night Net had suggested that the net be rotated between three different area repeaters. Here is the January 2014 schedule.

DATE:	TIME:	REPEATER:	PL TONE:
February 3	7:00 PM	146.820	103.5
February 10	7:00 PM	145.370	103.5
February 17	7:00 PM	147.040	103.5
February 24	7:00 PM	146.820	103.5

When using the SkyWarn 145.370 repeater, be sure to use the receiver PL Tone for your area as follows:

NW Quadrant 114.8 - NE Quadrant 127.3 - SW Quadrant 141.3 - SE Quadrant 94.8.

The January & February 2014 schedule can be downloaded and printed in Adobe Acrobat .PDF from the club website at:

[http://www.w5ddl.org/clubsite/files/monday net.pdf](http://www.w5ddl.org/clubsite/files/monday%20net.pdf)

**Notice:** On the January 13<sup>th</sup> Monday Night Net, Mark made a offer that goes like this:

The top 10 check-ins on the Monday Night AAARA Net during 2014 will get their call/name entered into a drawing and they will receive a Chinese import dual band handi-talkie paid for by Mark W5GTI. **HOW ABOUT THAT?** So be sure to check into the net and thanks to Mark in keeping the net active.

### AARA



### UPCOMING BIRTHDAYS

2/04	WESTON	KB5WI
2/11	JOSHUA	KF5SEP
2/16	GLENN	KD5NVC
2/24	DANNY	KD5JSM
2/24	JOEY	KE5AOF
3/9	DAVID	WN5V

Some members failed to put their birthdays on their applications for renewal / membership causing some names to be missing from the list.



### Winter Severe SkyWarn Event Net

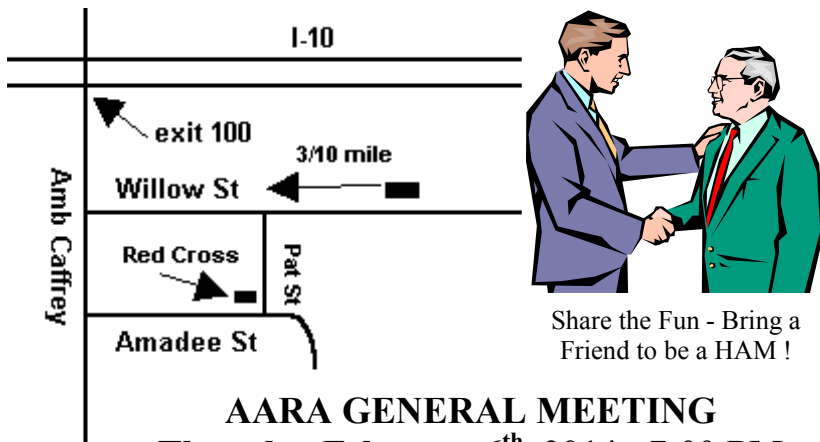
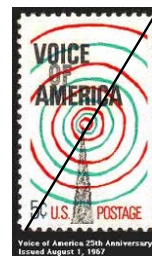
Ed Roy WA5TNK, Lafayette Parish EC, activated a SkyWarn Net on the 145.370 repeater at 1000 Central Time Tuesday January 28, 2014 in regards to a severe winter storm producing very low temperatures, freezing rain, wind, sleet and some snow in most of the Acadiana area. Ham operators were asked to check in and give some local observations which were then relayed to the Lake Charles NWS to Andy Patrick. Everyone was asked to avoid traveling on the highways and streets due to the icing conditions. Sections of I-10 and I-49 were closed until Wednesday morning.

Those operators participating in this net were: Ed WA5TNK, Steve KF5VH, Mark W5GTI, Kirby KI5EE, Al W5TJZ, A.J. KF5THS, Terry N5QWA, Mel WD5CAE, Tom W5OHJ, Jess KF5LUL, Glen KF5FNP, and Herman KN5GRK. Ed and Andy extended their thanks to the above ham operators for their dedication to this hobby. The net stood down at 1600 hours.

**Acadiana Amateur Radio Assoc., Inc.**  
**P. O. Box 51174**  
**Lafayette, LA 70505-1174**

Website: <http://www.w5ddl.org>

Hamfest website: <http://www.w5ddl.org/hamfest/>



Share the Fun - Bring a  
Friend to be a HAM !

**AARA GENERAL MEETING**  
**Thursday February 6<sup>th</sup>, 2014 - 7:00 PM**  
**VE TESTING TONIGHT - 6:00 PM**  
**Red Cross Building, 101 N. Pat St., Scott, LA**  
**Lunch Bunch - Each Wednesday 10:45 AM – 2:00 PM**  
Golden Corral - Amb. Caffery - Lafayette, LA  
Check 146.820 PL 103.5 - repeater for info.

COMPLIMENTARY  
ISSUE



## **PAUL'S PORK ROAST**

Submitted by AARA Member Paul Scallan, Sr. K5VSH

- 1 Boneless CENTER CUT PORK      2 Seasonings (see below)  
LION ROAST

### **Seasoning:**

I use Tony Chaceries Creole Seasoning or mix one part of black/white/red pepper with a ½ part of salt and a ½ part of garlic powder. Make about three (3) tablespoons full. Whole Cloves of Garlic (about 8)

### **Method:**

Cut off excess fat from roast and retain. Cut fat in 1" squares.

Poke holes in fat side of roast, using a slim knife (2 holes down the roast about 4 times). Run your finger into the holes to enlarge.

Put a teaspoon or so of seasoning in each hole, then cram in a clove of garlic into the hole, and cap with a bit of the reserved fat. Add the remaining seasonings to the outside of the roast.

Flour the entire roast and brown on all sides in ½" of oil. Best to use a cast iron pot. Make a "tent" of foil to cover the roast and bake at 350° F for approximately 1-1/2 hours, turning once and adding a little water, every now and then.

### **Gravy:**

Depending on how big your roast is and how much your family likes gravy. Use 2 to 3 chicken bouillon cubes One can or package of Beef Gravy Adjust your thickness with flour water.

## **FCC Information Service**

Toll Free (WATS) for Amateur Radio license inquiries about new/vanity call signs: 888-225-5322. This will connect you the FCC National Call Center, handled by the FCC's Consumer Information Bureau. Amateurs having ULS problems or questions should contact the FCC's ULS Technical Support staff at: 202-414-1250 or:

***ulscomm@fcc.gov.***

FCC Website:

***<http://wireless.fcc.gov/uls/>***

New call sign information can also be obtained from the ARRL/VEC at 860-594-3000.

***<http://www.arrl.org/arrlvec>***

The mailing address to the FCC is:

Federal Communications Commission, 1270 Fairfield Road, Gettysburg, PA 17325-7245